

Work Order ID 91663

91663

Page 1

October-12-12 11:17:03 AM

Item ID: 647.1911E Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Bracket RH
 Start Date: 10/12/12 Start Qty: 120.00 *120* Cust Item ID:
 Required Date: 11/02/12 Req'd Qty: 120.00 *120* Customer:
 Reference:

Approvals: Process Plan: u Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
647.1900									
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 18110								
	a) Description: EXTRUSION FOR BRACKET								
	c) Material: 7075-T6								
	f) Material certification required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure material certification is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control	Ensure Material certification comply to Dwg 646.9800								

CL 12/10/12 120

12/11/12 130

DAS
16
39

12/12/12

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Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>MAT</u>	0.00							
130									
Packaging	Memo	0.00		F.K 12/12/05		132	Ø		
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

12/12/16 JH
 MLC 12-12-05

Picklist Print

October-12-12 11:17:03 AM

Page 1

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Parent Item: 647.1911E

Parent Item Name: Bracket RH

Start Date: 10/12/12

Required Date: 11/02/12



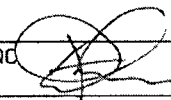
Start Qty: 120.00

Required Qty: 120.00

Comments: IPP REV:A NEW ISSUE 12-10-11 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.1911P Bracket RH		Purchased	No				f	0.0000		120			

12/11/30 (132)

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03699				SHEET 1 OF 1	
	DWG NO. 647.1900	REV: N/C	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: BRACKETS					
	APPROVED BY: ENGR 	MFG 	QC 	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL.				ECR: D-12-018	

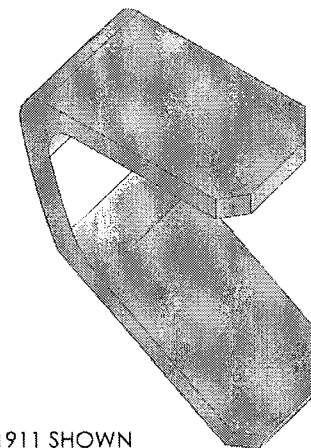
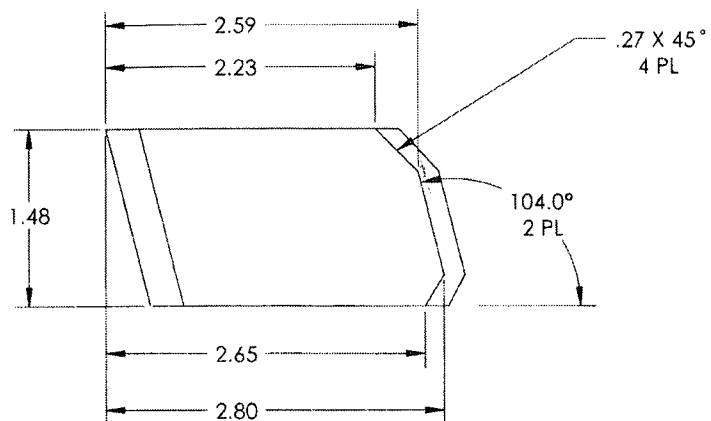
IS

1 PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

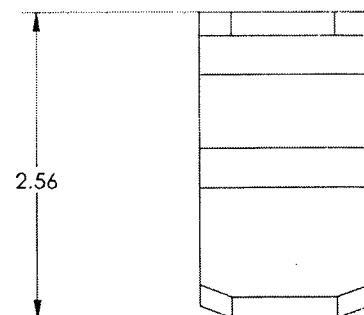
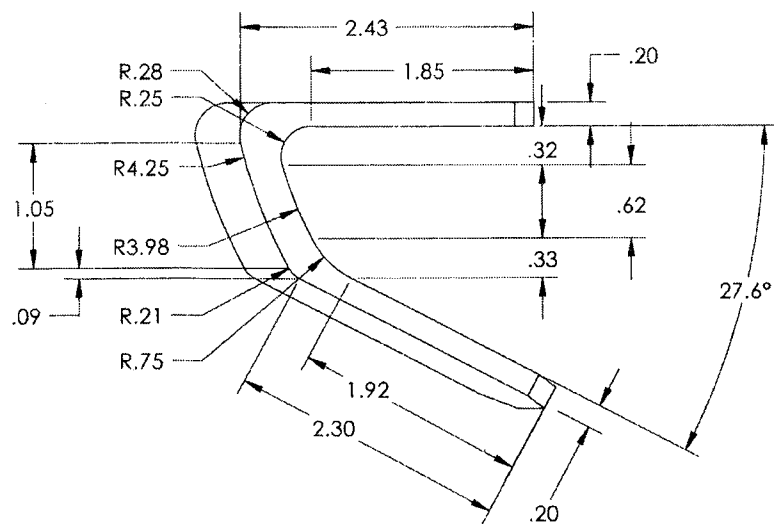
SHEET 1, ZONE A2 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCC <input type="checkbox"/> ICA <input type="checkbox"/> BOM					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



647.1911 SHOWN
647.1912 OPPOSITE



4091663

APICAL INDUSTRIES	
2608 TEMPLE HEIGHTS DR.	
OCEANSIDE, CA 92056-3512 (760) 724-5300	
BRACKETS	
DATE: 07/14/26	REV: N/C
SCALE: NONE	SHEET 2 OF 5

SHIPPER NO.

405915-1

UACPART NO.

66738

UNIVERSAL ALLOY CORPORATION
 180 LAMAR HALEY PKWY CANTON, GA USA 30114
 (770) 479-7230

PRODUCTION LOTS

C554402 @11 PCS

S
H DART AEROSPACE
I 1270 ABERDEEN
P HAWKESBURY, ONTARIO CN, K6A 1K7
T
O

S
O DART AEROSPACE
L 1270 ABERDEEN
D HAWKESBURY, ONTARIO CN, K6A 1K7
T
O

27/320

CUSTOMER'S P.O. NO.

018110 item 2

ORDER PLACED BY

LINDA LACELLE

CUSTOMER'S PART NUMBER

647.1911-EXT ALUMINUM EXTRUSION

TERMS

NET 60

ALLOY

7075 T6

SPECIFICATION NO.

AMS-QQ-A-200/11 REV. N/C

SHIP VIA

JOURNEY

DATE SHIPPED

11/21/2012

FREIGHT CHARGES

PREPAID ☐ COLLECT ☒

SHIPMENT

PARTIAL ☐ COMPLETE ☒

CERTIFICATIONS

ATTACHED ☒ TO FOLLOW ☐**QUANTITY SHIPPED**

FEET	PIECES X LENGTH	NET PER PC	NET POUNDS	GROSS POUNDS	BOX
32	11 X 144.	19.09	210	248	1 bundle of 1 Standard US box

RECEIVED BY

DATE

TIME

UNIVERSAL ALLOY CORPORATION ACCEPTS NO RESPONSIBILITY FOR ERROR IN SHIPMENT IF YOU FAIL TO NOTIFY US WITHIN 3 DAYS OF RECEIPT. NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT.

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405915-1

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CERTIFICATIONS

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FEET	PIECES X LENGTH	NET PER PC	NET POUNDS	GROSS POUNDS	BOX
132	11 X 144.	19.09	210	248	1 bundle of 1 Standard US box

RECEIVED BY

DATE

TIME

X

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UNIVERSAL ALLOY CORPORATION

180 LAMAR HALEY PKWY CANTON, GA 30114 (770) 479-7230

EXTRUSION MILL CERTIFICATE OF CONFORMANCE INSPECTION AND TEST REPORT

CUSTOMER DART AEROSPACE LTD

PURCHASE ORDER PO18110 item 2

DATE 11/16/12

ORDER NUMBER 405915

PART NO. 647.1911-EXT rev N/C

SPECIFICATIONS AMS-QQ-A-200/11 REV. N/C

MATERIAL 7075-T6

MECHANICAL PROPERTIES

SAMPLE OR LOT	TEST DIRECTION	TEST LOCATION	TENSILE STRENGTH KSI	YIELD STRENGTH KSI	ELONGATION %
C554402	L	Rear	86.9	78.9	12.9

Srklr

MANUFACTURED IN THE U.S.A.

CHEMICAL COMPOSITION LIMITS

ALLOY NOS	SI	FE	CU	MN	MG	CR	ZN	TI	EACH	OTHERS	TOTAL
7075	0.40	0.50	1.2-2.0	0.30	2.1-2.9	0.18-0.28	5.1-6.1	0.20	0.05		0.15

THIS IS TO CERTIFY THAT THE MATERIAL APPLIED TO THE ABOVE ORDER COVERED BY THIS REPORT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SPECIFICATIONS DESCRIBED FORMING A PART OF THIS ORDER AND THAT REPRESENTATIVE MATERIAL HAS BEEN TESTED AND FOUND TO MEET THE APPLICABLE REQUIREMENTS. FURTHER SHOWN ARE THE COMPOSITION LIMITS AND MECHANICAL PROPERTY TEST RESULTS. DOCUMENTATION VERIFYING CONFORMANCE TO THESE REQUIREMENTS IS ON FILE AND SUBJECT TO EXAMINATION.

PERCENT MAXIMUM UNLESS SHOWN OTHERWISE
REMAINDER ALUMINUM

UNIVERSAL ALLOY CORPORATION

Mark Briguglio
Mark Briguglio - Metallurgical Lab Manager
QUALITY ASSURANCE DEPARTMENT



554402T04